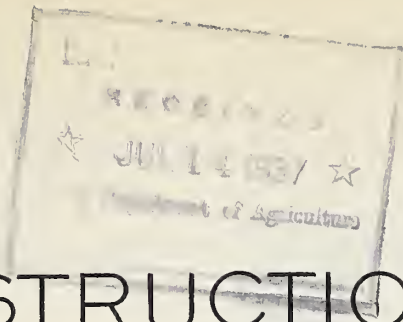


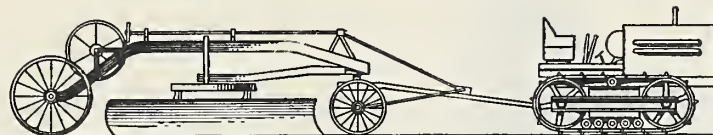
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1.9
476ch



CONSTRUCTION



HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE
WASHINGTON, D. C.

Vol. 3

July 9, 1937

No. 9

NOTICE TO READERS

Due to the press of other work, "Construction Hints" has not been published since the issue of April 17th.

Beginning with this issue, it will be published on the second and fourth Saturday of each month, instead of bi-weekly.

Although contributions from the field have been satisfactory, please send in more. This is your magazine; its value is directly reflected by the interest you show as expressed by contributions. All contributions should be sent through the Regional office.

Harold L. Friend

Harold L. Friend,
Editor.

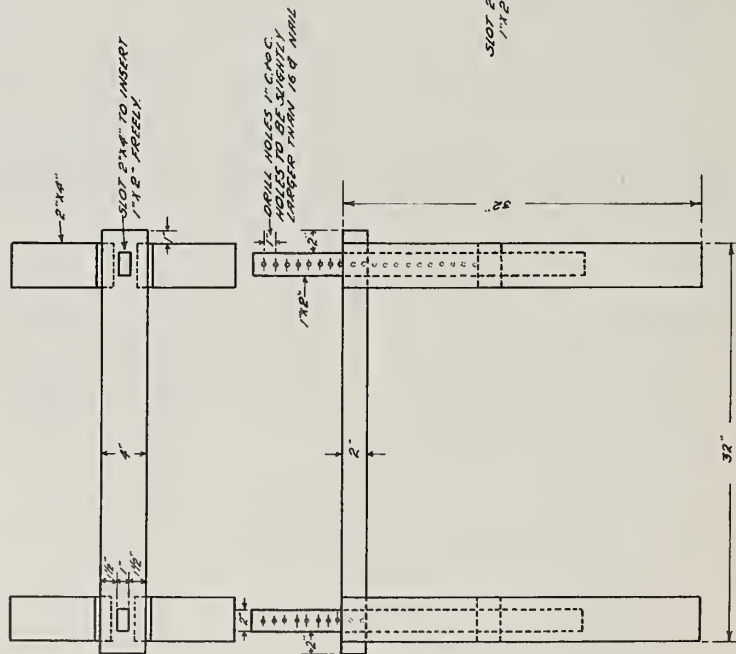
(Over)

The 1" x 2" wooden extensions are on both front and back of each horse. The drafting board can be raised or lowered back or front to any desired angle with the horizontal.

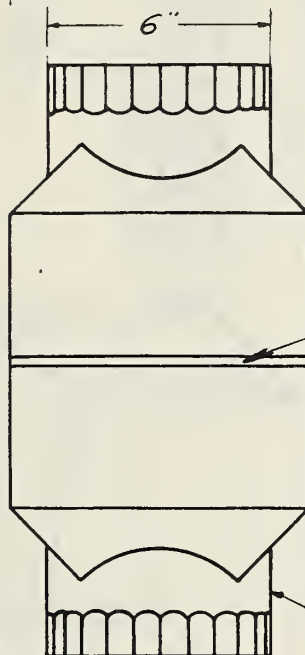
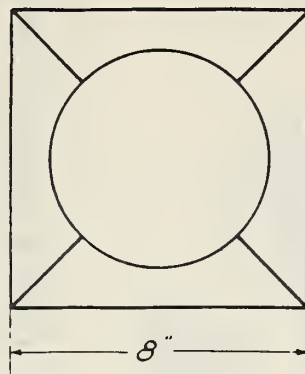
The 32" width of legs can be varied to fit what size drafting board that will be available. The drafting board is not fastened to woodsoak extensions. Client keeps board from shifting away. An additional cleat can be added to back of draft to keep it from eliding forward. The lower front of board is lower than the back which is usually the case.

MATERIAL		LIST	
NO	SIZE	MATERIAL	AMT'S
8	2'-4" x 3'-0"	MAO ANE	LEGS
2	2'-4" x 3'-0"	"	TOP
4	2'-4" x 3'-0"	"	BRAKE
4	1'-4" x 3'-0"	"	SLIDE
32	2" x 1/2" #10	WOOD SCREWS	
32	1/8" #10	NAILS	

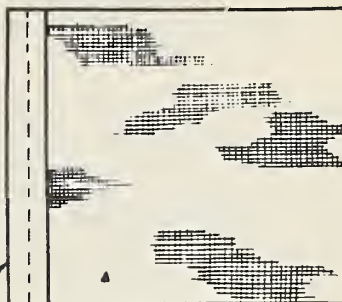
SCALE 3" = 1 FOOT.



DESIGNED BY - P. P. MARRON
DRAWN BY - . . .



Sheet metal
rolled over
edge of screen

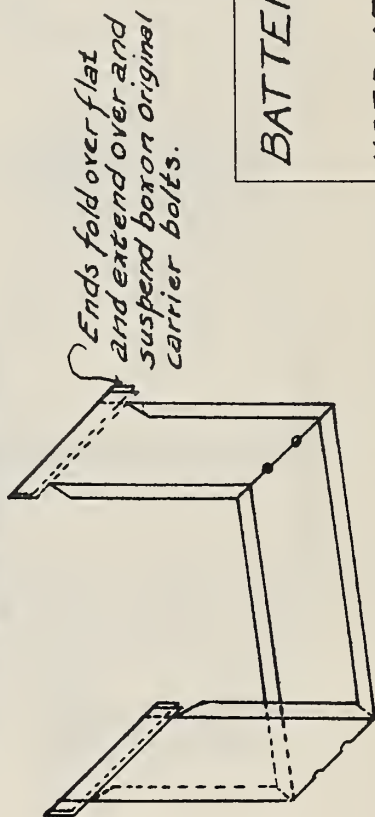
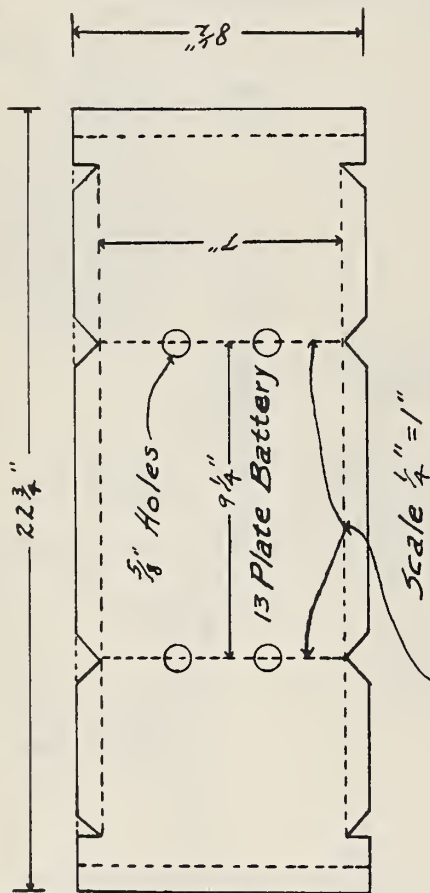


8 mesh screen
on wire frame.



SECTION

U. S. FOREST SERVICE, REGION 6
MECHANICAL IMPROVEMENTS & REPAIRS
SPARK ARRESTER FOR
TENT STOVE.
SUBMITTED BY E.H. McARDLE
FOREST OLYMPIC DATE 5/18/37
PORTLAND ORE. SKETCH 024.



Constructed from 6 to 12 gauge sheet iron

BATTERY REPLACEMENT BOX

USED AT TENN. CAMP S-78
REGION 8

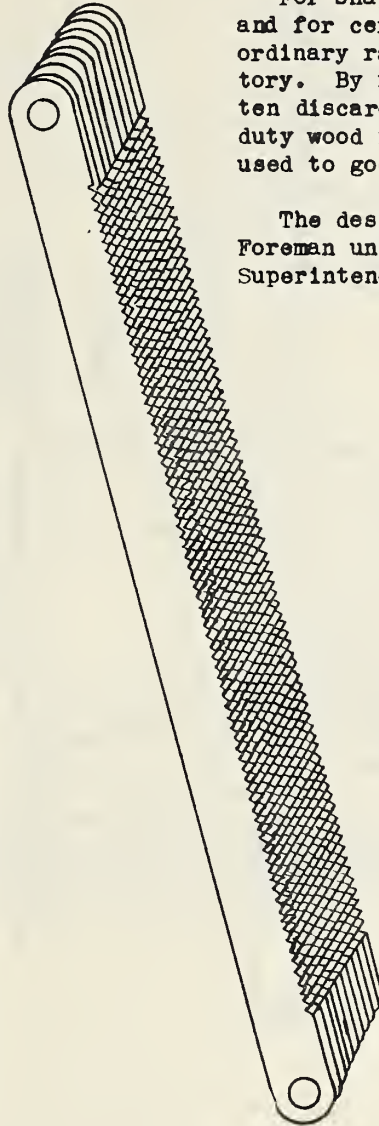
DRAWN BY P.M. DONNELL MARCH 1, 1937

WOOD RASP MADE FROM DISCARDED HACK-SAW
BLADES

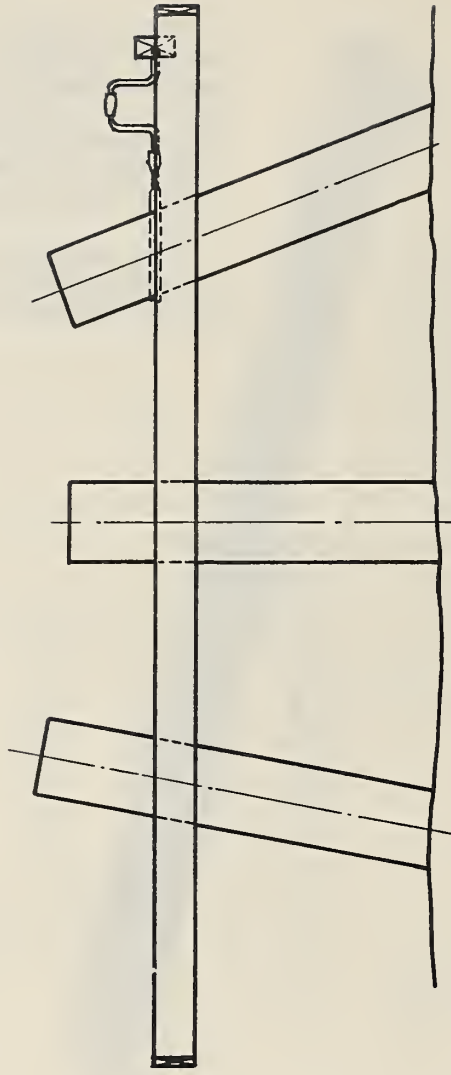
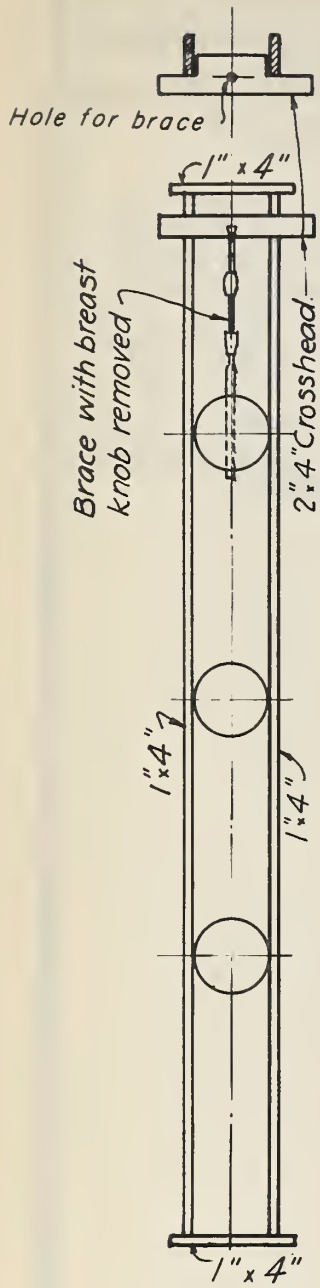
Design by B. Harkness, Squad Foreman
Camp Walkerville, F-26,
Bitely, Michigan.

For shaping the ends of large logs
and for certain shaping on iron the
ordinary rasp or file is not satisfac-
tory. By riveting together eight or
ten discarded hack-saw blades a heavy
duty wood rasp results. It has been
used to good advantage in this camp.

The design is by B. Harkness, Squad
Foreman under the direction of Camp
Superintendent K. W. MacKay.



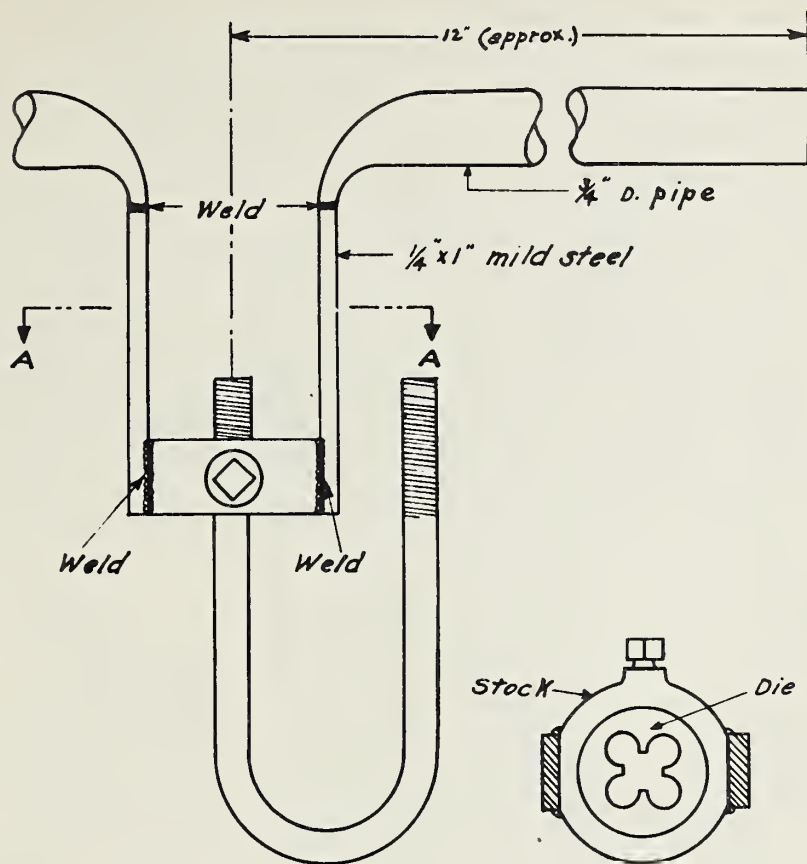
WOOD RASP
MADE FROM
OLD HACK-SAW BLADES
DESIGNED AT CAMP WALKERVILLE F-26
BY B/H
DRAWN BY C.A.



JIG FOR BORING HOLES IN LINE.

The jig shown by the above sketch was devised in order to bore holes that would be in true alignment in timbers with an appreciable gap between them and also which might not be parallel to each other. It is a simple device, easily made and used, and should be of benefit where there is any considerable amount of such work.

Submitted by
Emil J. Kiesser,
Foreman-Squaw Cr. Camp,
Bozeman, Montana.



SECTION A-A

The handles of an ordinary stock were removed and replaced with the fabricated handles as shown. This type of stock permits threading of "U" bolts without straightening the bolt.

U. S. FOREST SERVICE REGION 6
MECHANICAL IMPROVEMENTS & REPAIRS

**DEVICE FOR-
THREADING "U" BOLTS.**

SUBMITTED BY *M.A. Karre*
FOREST **OLYMPIA** DATE **4-2-37**
PORTLAND ORE. SKETCH **017**

